

**Amendments to the specification:**

On page 1, line 4, please amend the heading as follows:

**Background of the Invention** Information

On page 1, please amend the first paragraph as follows:

The present invention relates to a method and an apparatus for detecting the motion of an element relative to a sensor arrangement, in particular for detecting the angle of rotation of a rotating element, ~~according to the definition of the species of the main claim.~~

On page 3, line 15, please amend the heading as follows:

**Advantages** Summary of the Invention

On page 4, line 16, please amend the heading as follows:

**Brief Description of the Drawings** Drawing

On page 5, line 4, please amend the heading as follows:

Detailed Description of the Preferred Embodiments Exemplary

**Embodiment**